

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Appl. No. : 10/598861  
Applicant : KIM et al.  
Filed : September 13, 2006  
TC/A.U. : 1614  
Examiner :

Docket No. : 1751-0417  
Customer No. : 06449  
Confirmation No. : 1443

Commissioner for Patents  
P.O. Box 1450  
Alexandria VA 22313-1450

**SECOND STATUS INQUIRY**

Dear Sir:

Applicant respectfully inquires as to the status of the above-identified application. We prepared and filed a similar status inquiry on November 28, 2007 and have not yet received a response regarding this matter.

We received a Notice for Missing Requirements on this case dated June 12, 2007, however we filed the application complete on September 13, 2006. We responded to the notice on August 7, 2007 explaining the details and asking for the notice to be withdrawn.

According to PAIR this case is still showing as "undergoing pre-exam processing" even though we filed the application complete and even still responded to the notice issued incorrectly. As you can see the case was filed complete approximately 15 months ago. Attached are copies of the response we filed on August 7, 2007 and a copy of the status of this case from the U.S. Patent Office PAIR website for reference. We kindly ask that the Official Filing Receipt and Notice of Acceptance issue on this case as soon as possible.

Respectfully submitted,

By: /gfr4/  
G. Franklin Rothwell  
Registration No. 18,125  
Attorney for Applicant  
ROTHWELL, FIGG, ERNST & MANBECK  
1425 K. Street, Suite 800  
Washington, D.C. 20005  
Telephone: (202) 783-6040

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Applicant : KIM et al.  
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Mail Stop: Missing Parts  
Director of the United States Patent  
and Trademark Office  
P.O. Box 1450  
Alexandria, Virginia 22313-1450

RESPONSE TO NOTICE TO FILE MISSING REQUIREMENTS  
AND REQUEST FOR WITHDRAWAL OF NOTICE

We are writing in response to the Notice to File Missing Requirements erroneously issued on June 12, 2007. We filed the application complete through EFS-Web on September 13, 2006.

Contact was made to Ms. Deborah Williams regarding the notice being issued incorrectly and we asked that the notice be withdrawn and the Official Filing Receipt and Notice of Acceptance be issued on the case. We stated that the declaration is listed on the items submitted with the initial filing and was also showing in the image file wrapper in Private PAIR for this case. She then asked for us to fax a copy of the electronic filing receipt showing that the declaration was in fact filed with the initial application (copy enclosed). The fax was sent to her attention on June 26, 2007.

Further contact was made on July 17, 2007 and July 19, 2007 asking about the status of the Notice to File Missing Requirements withdrawal and the Filing Receipt/Notice of Acceptance. She asked for us to fax in a second copy of the declaration to her attention, and did not want to accept the EFS-Web receipt as proof that the declaration was already filed. It was explained to her that it is not our practice to send in the second copy of the declaration because of the risk of being charged the late declaration surcharge and having the 371 date being stated on the date it re-sent, as opposed to the originally filed date.

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I am therefore sending in an official request to withdraw the notice and attaching a copy of the receipt showing the declaration was in fact filed on September 13, 2006. We kindly ask that the Official Filing Receipt and Notice of Acceptance be issued on this case as soon as possible.

Respectfully submitted,

By: /gfr4/  
G. Franklin Rothwell  
Registration No. 18,125  
Attorney for Applicant  
ROTHWELL, FIGG, ERNST & MANBECK  
1425 K. Street, Suite 800  
Washington, D.C. 20005  
Telephone: (202) 783-6040

**Electronic Acknowledgement Receipt*****COPY***

|  |  |
|--|--|
| <b>EFS ID:</b>                           | 1198965  |
| <b>Application Number:</b>               | 10598861   |
| <b>Confirmation Number:</b>              | 1443   |
| <b>Title of Invention:</b>               | DISUBSTITUTED CUCURBITURILS AND PREPARING METHOD THEREOF |
| <b>First Named Inventor:</b>             | Kimoon KIM   |
| <b>Customer Number:</b>                  | 06449  |
| <b>Filer:</b>                            | G. Franklin Rothwell/Tim Brown                           |
| <b>Filer Authorized By:</b>              | G. Franklin Rothwell                                     |
| <b>Attorney Docket Number:</b>           | 1751-417   |
| <b>Receipt Date:</b>                     | 13-SEP-2006  |
| <b>Filing Date:</b>                      |  |
| <b>Time Stamp:</b>                       | 17:33:34   |
| <b>Application Type:</b>                 | U.S. National Stage under 35 USC 371                     |
| <b>International Application Number:</b> | PCT/KR04/00536   |

**Payment information:**

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|---|--------|
| Submitted with Payment  | yes    |
| Payment was successfully received in RAM  | \$ 450 |
| RAM confirmation Number   | 454    |
| Deposit Account   | 022135 |
| The Director of the USPTO is hereby authorized to charge indicated fees and credit any overpayment as follows:<br>Charge any Additional Fees required under 37 C.F.R. Section 1.16 and 1.17 |        |

**File Listing:**

| Document Number     | Document Description                      | File Name          | File Size(Bytes) | Multi Part | Pages |
|---------------------|---|--------------------|------------------|------------|-------|
| 1                   | NPL Documents                             | FlinnArticle.pdf   | 270531           | no         | 3     |
| <b>Warnings:</b>    |   |                    |                  |            |       |
| <b>Information:</b> |   |                    |                  |            |       |
| 2                   | NPL Documents                             | FreemanArticle.pdf | 214057           | no         | 2     |
| <b>Warnings:</b>    |   |                    |                  |            |       |
| <b>Information:</b> |   |                    |                  |            |       |
| 3                   | NPL Documents                             | KimArticle.pdf     | 243539           | no         | 2     |
| <b>Warnings:</b>    |   |                    |                  |            |       |
| <b>Information:</b> |   |                    |                  |            |       |
| 4                   | Documents submitted with 371 Applications | PCTRO101.pdf       | 125599           | no         | 5     |
| <b>Warnings:</b>    |   |                    |                  |            |       |
| <b>Information:</b> |   |                    |                  |            |       |
| 5                   | Documents submitted with 371 Applications | pct210.pdf         | 139832           | no         | 3     |
| <b>Warnings:</b>    |   |                    |                  |            |       |
| <b>Information:</b> |   |                    |                  |            |       |
| 6                   | Documents submitted with 371 Applications | pct220.pdf         | 77584            | no         | 1     |
| <b>Warnings:</b>    |   |                    |                  |            |       |
| <b>Information:</b> |   |                    |                  |            |       |
| 7                   | Documents submitted with 371 Applications | pct237.pdf         | 203643           | no         | 5     |
| <b>Warnings:</b>    |   |                    |                  |            |       |
| <b>Information:</b> |   |                    |                  |            |       |
| 8                   | Documents submitted with 371 Applications | pct301.pdf         | 146615           | no         | 3     |
| <b>Warnings:</b>    |   |                    |                  |            |       |
| <b>Information:</b> |   |                    |                  |            |       |
| 9                   | Documents submitted with 371 Applications | pct308.pdf         | 139938           | no         | 2     |
| <b>Warnings:</b>    |   |                    |                  |            |       |

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|---|--|------------------------|--------|-------------------|----|
| <b>Information:</b>                             |  |                        |        |                   |    |
| 10  | Documents submitted with 371 Applications    | pct332.pdf             | 58106  | <b>COPY</b><br>no | 1  |
| <b>Warnings:</b>                                |  |                        |        |                   |    |
| <b>Information:</b>                             |  |                        |        |                   |    |
| 11  | Documents submitted with 371 Applications    | pct409.pdf             | 216043 | no                | 5  |
| <b>Warnings:</b>                                |  |                        |        |                   |    |
| <b>Information:</b>                             |  |                        |        |                   |    |
| 12  | Documents submitted with 371 Applications    | pct416.pdf             | 68312  | no                | 1  |
| <b>Warnings:</b>                                |  |                        |        |                   |    |
| <b>Information:</b>                             |  |                        |        |                   |    |
| 13  | Documents submitted with 371 Applications    | WO2005087777.pdf       | 795731 | no                | 19 |
| <b>Warnings:</b>                                |  |                        |        |                   |    |
| <b>Information:</b>                             |  |                        |        |                   |    |
| 14  | Transmittal letter                           | 1390.pdf               | 128372 | no                | 3  |
| <b>Warnings:</b>                                |  |                        |        |                   |    |
| <b>Information:</b>                             |  |                        |        |                   |    |
| 15  | Translation of Foreign Priority Documents    | EnglishTranslation.pdf | 679843 | no                | 16 |
| <b>Warnings:</b>                                |  |                        |        |                   |    |
| <b>Information:</b>                             |  |                        |        |                   |    |
|   |  |                        |        |                   |    |
| <b>Warnings:</b>                                |  |                        |        |                   |    |
| <b>Information:</b>                             |  |                        |        |                   |    |
| 17  | Information Disclosure Statement (IDS) Filed | IDS.pdf                | 63659  | no                | 1  |
| <b>Warnings:</b>                                |  |                        |        |                   |    |
| <b>Information:</b>                             |  |                        |        |                   |    |
| This is not an USPTO supplied IDS fillable form |  |                        |        |                   |    |
| 18  | Foreign Reference                            | DE19603377A1.pdf       | 380401 | no                | 6  |

|                     |  |                      |         |    |     |
|---------------------|--|----------------------|---------|----|-----|
| <b>Warnings:</b>    |  |                      |         |    |     |
| <b>Information:</b> |  |                      |         |    |     |
| 19                  | Foreign Reference                            | KR1020040069814A.pdf | 443932  | no | 9   |
| <b>Warnings:</b>    |  |                      |         |    |     |
| <b>Information:</b> |  |                      |         |    |     |
| 20                  | Foreign Reference                            | WO00068232.pdf       | 3384548 | no | 112 |
| <b>Warnings:</b>    |  |                      |         |    |     |
| <b>Information:</b> |  |                      |         |    |     |
| 21                  | Foreign Reference                            | WO03004500.pdf       | 1767960 | no | 45  |
| <b>Warnings:</b>    |  |                      |         |    |     |
| <b>Information:</b> |  |                      |         |    |     |
| 22                  | Foreign Reference                            | WO03055888.pdf       | 2029891 | no | 45  |
| <b>Warnings:</b>    |  |                      |         |    |     |
| <b>Information:</b> |  |                      |         |    |     |
| 23                  | Application Data Sheet                       | ADS.pdf              | 1123930 | no | 5   |
| <b>Warnings:</b>    |  |                      |         |    |     |
| <b>Information:</b> |  |                      |         |    |     |
| 24                  | Preliminary Amendment                        | PrelimAmend.pdf      | 139678  | no | 8   |
| <b>Warnings:</b>    |  |                      |         |    |     |
| <b>Information:</b> |  |                      |         |    |     |
| 25                  | Information Disclosure Statement (IDS) Filed | SB-08.pdf            | 709645  | no | 4   |
| <b>Warnings:</b>    |  |                      |         |    |     |
| <b>Information:</b> |  |                      |         |    |     |
| 26                  | Specification                                | MarkedSpec.pdf       | 254322  | no | 17  |
| <b>Warnings:</b>    |  |                      |         |    |     |
| <b>Information:</b> |  |                      |         |    |     |
| 27                  | Specification                                | CleanSpec.pdf        | 253741  | no | 17  |

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|--|-------------------------|--------------|----------|----|---|
| Warnings:  |                         |              |          |    |   |
| Information:   |                         |              |          |    |   |
| 28   | Fee Worksheet (PTO-875) | fee-info.pdf | 8414     | no | 2 |
| Warnings:  |                         |              |          |    |   |
| Information:   |                         |              |          |    |   |
| Total Files Size (in bytes):   |                         |              | 14269186 |    |   |
| <p>This Acknowledgement Receipt evidences receipt on the noted date by the USPTO of the indicated documents, characterized by the applicant, and including page counts, where applicable. It serves as evidence of receipt similar to a Post Card, as described in MPEP 503.</p> <p><u>New Applications Under 35 U.S.C. 111</u><br/>If a new application is being filed and the application includes the necessary components for a filing date (see 37 CFR 1.53(b)-(d) and MPEP 506), a Filing Receipt (37 CFR 1.54) will be issued in due course and the date shown on this Acknowledgement Receipt will establish the filing date of the application.</p> <p><u>National Stage of an International Application under 35 U.S.C. 371</u><br/>If a timely submission to enter the national stage of an international application is compliant with the conditions of 35 U.S.C. 371 and other applicable requirements a Form PCT/DO/EO/903 indicating acceptance of the application as a national stage submission under 35 U.S.C. 371 will be issued in addition to the Filing Receipt, in due course.</p> |                         |              |          |    |   |

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# Electronic Acknowledgement Receipt

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|---|--|
| <b>EFS ID:</b>                              | 2056518  |
| <b>Application Number:</b>                  | 10598861   |
| <b>International Application Number:</b>    |  |
| <b>Confirmation Number:</b>                 | 1443   |
| <b>Title of Invention:</b>                  | DISUBSTITUTED CUCURBITURILS AND PREPARING METHOD THEREOF |
| <b>First Named Inventor/Applicant Name:</b> | Kimoon KIM   |
| <b>Customer Number:</b>                     | 6449   |
| <b>Filer:</b>                               | G. Franklin Rothwell/Victoria Deffenbaugh                |
| <b>Filer Authorized By:</b>                 | G. Franklin Rothwell                                     |
| <b>Attorney Docket Number:</b>              | 1751-417   |
| <b>Receipt Date:</b>                        | 07-AUG-2007  |
| <b>Filing Date:</b>                         |  |
| <b>Time Stamp:</b>                          | 16:10:03   |
| <b>Application Type:</b>                    | U.S. National Stage under 35 USC 371                     |

## Payment information:

|                        |    |
|------------------------|----|
| Submitted with Payment | no |
|------------------------|----|

## File Listing:

| Document Number | Document Description                              | File Name    | File Size(Bytes) /Message Digest                       | Multi Part /.zip | Pages (if appl.) |
|-----------------|---|--------------|--|------------------|------------------|
| 1               | Applicant Response to Pre-Exam Formalities Notice | response.pdf | 180120<br>be981bd6f8df36388763d87f0ce36979d<br>e3e6b12 | no               | 7                |

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**New Applications Under 35 U.S.C. 111**

If a new application is being filed and the application includes the necessary components for a filing date (see 37 CFR 1.53(b)-(d) and MPEP 506), a Filing Receipt (37 CFR 1.54) will be issued in due course and the date shown on this Acknowledgement Receipt will establish the filing date of the application.

**National Stage of an International Application under 35 U.S.C. 371**

If a timely submission to enter the national stage of an international application is compliant with the conditions of 35 U.S.C. 371 and other applicable requirements a Form PCT/DO/EO/903 indicating acceptance of the application as a national stage submission under 35 U.S.C. 371 will be issued in addition to the Filing Receipt, in due course.

**New International Application Filed with the USPTO as a Receiving Office**

If a new international application is being filed and the international application includes the necessary components for an international filing date (see PCT Article 11 and MPEP 1810), a Notification of the International Application Number and of the International Filing Date (Form PCT/RO/105) will be issued in due course, subject to prescriptions concerning national security, and the date shown on this Acknowledgement Receipt will establish the international filing date of the application.

10/598,861

DISUBSTITUTED CUCURBITURILS AND PREPARING METHOD THEREOF

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10/27/2007 1:55:52

**This application is officially maintained in electronic form. To View: Click the desired Document Description. To Download and Print: Check the desired document(s) and click Start Download.**

### Available Documents

| Mail Room Date | Document Code | Document Description                              | Document Category  | Page Count |
|----------------|---------------|---|--------------------|------------|
| 11-28-2007     | STATUS.LET    | <b>Request for status of Application</b>          | <b>PROSECUTION</b> | <b>12</b>  |
| 11-28-2007     | N417          | Status Letter Mailed to Applicant                 | PROSECUTION        | 2          |
| 08-07-2007     | PEFR          | Applicant Response to Pre-Exam Formalities Notice | PROSECUTION        | 7          |
| 08-07-2007     | N417          | Status Letter Mailed to Applicant                 | PROSECUTION        | 2          |
| 06-12-2007     | M905          | Notice of DO/EO Missing Requirements Mailed       | PROSECUTION        | 2          |
| 09-15-2006     | A.PE          | Preliminary Amendment                             | PROSECUTION        | 1          |
| 09-15-2006     | SPEC          | Specification                                     | PROSECUTION        | 1          |
| 09-15-2006     | REM           | Applicant Arguments/Remarks Made in an Amendment  | PROSECUTION        | 1          |
| 09-15-2006     | TRNA          | Transmittal of New Application                    | PROSECUTION        | 2          |
| 09-15-2006     | WFEE          | Fee Worksheet (PTO-06)                            | PROSECUTION        | 1          |
| 09-15-2006     | WCLM          | Claims Worksheet (PTO-2022)                       | PROSECUTION        | 1          |
| 09-15-2006     | IMIS          | Miscellaneous Internal Document                   | PROSECUTION        | 1          |
| 09-13-2006     | NPL           | NPL Documents                                     | PRIOR ART          | 3          |
| 09-13-2006     | NPL           | NPL Documents                                     | PRIOR ART          | 2          |
| 09-13-2006     | NPL           | NPL Documents                                     | PRIOR ART          | 2          |
| 09-13-2006     | 371P          | Documents submitted with 371 Applications         | PRIOR ART          | 5          |
| 09-13-2006     | 371P          | Documents submitted with 371 Applications         | PRIOR ART          | 3          |
| 09-13-2006     | 371P          | Documents submitted with 371 Applications         | PRIOR ART          | 1          |
| 09-13-2006     | 371P          | Documents submitted with 371 Applications         | PRIOR ART          | 5          |
| 09-13-2006     | 371P          | Documents submitted with 371 Applications         | PRIOR ART          | 3          |
| 09-13-2006     | 371P          | Documents submitted with 371 Applications         | PRIOR ART          | 2          |
| 09-13-2006     | 371P          | Documents submitted with 371 Applications         | PRIOR ART          | 1          |
| 09-13-2006     | 371P          | Documents submitted with 371 Applications         | PRIOR ART          | 5          |
| 09-13-2006     | 371P          | Documents submitted with 371 Applications         | PRIOR ART          | 1          |
| 09-13-2006     | ABST          | Abstract  | PRIOR ART          | 1          |
| 09-13-2006     | SPEC          | Specification                                     | PRIOR ART          | 12         |
| 09-13-2006     | CLM           | Claims  | PRIOR ART          | 4          |
| 09-13-2006     | 371P          | Documents submitted with 371 Applications         | PRIOR ART          | 2          |
| 09-13-2006     | TRNA          | Transmittal of New Application                    | PRIOR ART          | 3          |
| 09-13-2006     | SPEC          | Specification                                     | PRIOR ART          | 12         |
| 09-13-2006     | CLM           | Claims  | PRIOR ART          | 4          |
| 09-13-2006     | IDS           | Information Disclosure Statement (IDS) Filed      | PRIOR ART          | 1          |
| 09-13-2006     | FOR           | Foreign Reference                                 | PRIOR ART          | 6          |
| 09-13-2006     | FOR           | Foreign Reference                                 | PRIOR ART          | 9          |
| 09-13-2006     | FOR           | Foreign Reference                                 | PRIOR ART          | 112        |
| 09-13-2006     | FOR           | Foreign Reference                                 | PRIOR ART          | 45         |
| 09-13-2006     | FOR           | Foreign Reference                                 | PRIOR ART          | 45         |
| 09-13-2006     | ADS           | Application Data Sheet                            | PRIOR ART          | 5          |
| 09-13-2006     | A.PE          | Preliminary Amendment                             | PRIOR ART          | 1          |
| 09-13-2006     | SPEC          | Specification                                     | PRIOR ART          | 1          |
| 09-13-2006     | CLM           | Claims  | PRIOR ART          | 4          |
| 09-13-2006     | ABST          | Abstract  | PRIOR ART          | 1          |
| 09-13-2006     | REM           | Applicant Arguments/Remarks Made in an Amendment  | PRIOR ART          | 1          |
| 09-13-2006     | IDS           | Information Disclosure Statement (IDS) Filed      | PRIOR ART          | 4          |
| 09-13-2006     | REM           | Applicant Arguments/Remarks Made in an            | PRIOR ART          | 17         |

|            |      |                                   |             |    |
|------------|------|-----------------------------------|-------------|----|
| 09-13-2006 | SPEC | Amendment                         |             |    |
| 09-13-2006 | WFEE | Specification                     | PRIOR ART   | 17 |
| 09-13-2006 | N417 | Fee Worksheet (PTO-06)            | PRIOR ART   | 2  |
| 09-13-2006 | ABST | Status Letter Mailed to Applicant | PRIOR ART   | 5  |
| 09-13-2006 | SPEC | Abstract                          | PROSECUTION | 1  |
| 09-13-2006 | CLM  | Specification                     | PROSECUTION | 12 |
| 09-13-2006 |      | Claims                            | PROSECUTION | 4  |

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